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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/988,899

DATE: 04/10/2002
TIME: 14:09:25

Input Set : A:\Dx003con.app
Output Set: N:\CRF3\04102002\I988899.raw

3 <110> APPLICANT: HOOGENBOOM, HENDRICUS R.J.M.
5 <120> TITLE OF INVENTION: NOVEL FAB FRAGMENT LIBRARIES AND METHOD FOR THEIR USE
7 <130> FILE REFERENCE: DX/003 CON
9 <140> CURRENT APPLICATION NUMBER: 09/988,899
10 <141> CURRENT FILING DATE: 2001-11-19
12 <150> PRIOR APPLICATION NUMBER: PCT/US00/13682
13 <151> PRIOR FILING DATE: 2000-05-18
15 <150> PRIOR APPLICATION NUMBER: 99201558.6
16 <151> PRIOR FILING DATE: 1999-05-18
18 <160> NUMBER OF SEQ ID NOS: 71
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 11
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence: Illustrative
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32 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
33 1 5 10
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38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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61 <211> LENGTH: 17
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer

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69 caggaaacag ctatgac
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78 <223> OTHER INFORMATION: Description of Artificial Sequence: 6X-His tag
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81 His His His His His His
82 1 5
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87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
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91 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
92 polylinker of pCES1
94 <220> FEATURE:
95 <221> NAME/KEY: CDS
96 <222> LOCATION: (1)..(99)
98 <220> FEATURE:
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100 <222> LOCATION: (140)..(340)
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103 <221> NAME/KEY: CDS
104 <222> LOCATION: (344)..(349)
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107 tta ttc gca att cct tta gtt gtt cct ttc tat tct cac agt gca cag 48
108 Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser His Ser Ala Gln
109 1 5 10 15
111 gtc caa ctg cag gtc gac ctc gag atc aaa cgt gga act gtg gga gag 96
112 Val Gln Leu Gln Val Asp Leu Glu Ile Lys Arg Gly Thr Val Gly Glu
113 20 25 30
115 tgt taataaggcg cgccaattct atttcaagga gacagtcata atg aaa tac cta 151
116 Cys Met Lys Tyr Leu 35
117
119 ttg cct acg gca gcc gct gga ttg tta tta ctc gcg gcc cag ccg gcc 199
120 Leu Pro Thr Ala Ala Ala Gly Leu Leu Leu Leu Ala Ala Gln Pro Ala
121 40 45 50
123 atg gcc cag gtg cag ctg cag gag agc ggg gtc acc gtc tca agc gcc 247
124 Met Ala Gln Val Gln Leu Gln Glu Ser Gly Val Thr Val Ser Ser Ala
125 55 60 65
127 tcc acc aaa tct tgt gcg gcc gca cat cat cat cat cat cac ggg gcc 295
128 Ser Thr Lys Ser Cys Ala Ala His His His His His His Gly Ala
129 70 75 80 85
131 gca gaa caa aaa ctc atc tca gaa gag gat ctg aat ggg gcc gca tag 343
132 Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Gly Ala Ala
133 90 95 100

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135 act gtt
136 Thr Val
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144 <220> FEATURE:
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146     peptide
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152 Val Gln Leu Gln Val Asp Leu Glu Ile Lys Arg Gly Thr Val Gly Glu
153           20           25           30
155 Cys
158 <210> SEQ ID NO: 8
159 <211> LENGTH: 67
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
165     peptide
167 <400> SEQUENCE: 8
168 Met Lys Tyr Leu Leu Pro Thr Ala Ala Ala Gly Leu Leu Leu Ala
169   1           5           10           15
171 Ala Gln Pro Ala Met Ala Gln Val Gln Leu Gln Glu Ser Gly Val Thr
172           20           25           30
174 Val Ser Ser Ala Ser Thr Lys Ser Cys Ala Ala Ala His His His His
175           35           40           45
177 His His Gly Ala Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
178           50           55           60
180 Gly Ala Ala
181   65
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193 tggaagaggc acgttctttt cttt
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198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
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205 acactctccc ctgttgaagc tctt

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Input Set : A:\Dx003con.app
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229 agagcattct gcaggggcca ctg
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233 <211> LENGTH: 23
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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241 cagrtgcagc tgggtgcartc tgg
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245 <211> LENGTH: 23
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249 <220> FEATURE:
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253 saggtccagc tggtrcagtc tgg
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257 <211> LENGTH: 23
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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265 cagrtcacct tgaaggagtc tgg
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269 <211> LENGTH: 23
270 <212> TYPE: DNA
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273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
276 <400> SEQUENCE: 16                                     23
277 saggtgcagc tgggtggagtc tgg
280 <210> SEQ ID NO: 17

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Input Set : A:\Dx003con.app

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281 <211> LENGTH: 23
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
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286 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
288 <400> SEQUENCE: 17
289 gaggtgcagc tggaggagwc ygg 23
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293 <211> LENGTH: 23
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
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300 <400> SEQUENCE: 18
301 caggtgcagc tacagcagtg ggg 23
304 <210> SEQ ID NO: 19
305 <211> LENGTH: 23
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
312 <400> SEQUENCE: 19
313 cagstgcagc tgcaggagtc sgg 23
316 <210> SEQ ID NO: 20
317 <211> LENGTH: 23
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
324 <400> SEQUENCE: 20
325 gargtgcagc tggtagcagtc tgg 23
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331 <213> ORGANISM: Artificial Sequence
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337 caggtacagc tgcagcagtc agg 23
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349 gacatccagw tgacccagtc tcc 23
352 <210> SEQ ID NO: 23
353 <211> LENGTH: 23

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/988,899

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Input Set : A:\Dx003con.app

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